## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):

Oleg Kisclev

Assignee:

**VERITAS Software Corporation** 

Title:

Application-Assisted Recovery from Data Corruption in Parity

RAID Storage Using Successive Re-reads

Serial No.:

10/614,306

Filing Date:

July 3, 2003

Examiner:

Unassigned

Group Art Unit:

2186

Docket No.:

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Austin, Texas May 14, 2004

Mail Stop Petition COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR § 1.97(b)

Dear Sir:

Pursuant to 37 CFR § 1.56, § 1.97 and § 1.98, the documents listed on the accompanying PTO Form-1449 are called to the attention of the Examiner for the above patent application. Pursuant to 1276 OG 55, wherein the USPTO waived the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication, no copies of U.S. patents or U.S. patent applications are enclosed. Copies of any listed foreign patent documents, pending non-published U.S. patent applications, and non-patent literature are enclosed.

Citation of these documents shall not be construed as:

- 1. an admission that the documents are necessarily prior art with respect to the instant invention;
- 2. a representation that a search has been made; or
- 3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

**EXPRESS MAIL NUMBER:** 

EV 304739210 US

Respectfully submitted,

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PAGE 11/12 \* RCVD AT 9/2/2004 2:05:55 PM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-2/0 \* DNIS:7467004 \* CSID:5124395099 \* DURATION (mm-ss):03-32

SEP-02-2004 12:06 5124395099 T-419 FROM-Campbell Stephenson Ascolese LLP P-012/012 F-123 Attorney L \_ket No.: Application No.: U.S. Department of Commerce, Patent and Trademark Office VRT0059US 10/614,306 Confirmation No.: INFORMATION DISCLOSURE STATEMENT BY APPLICANT Applicant(s): 8239 Oleg Kiselev (Use several sheets if necessary) Group Art Unit: Filing Date: Express Mail Label No.: EV 304739210 US July 3, 2003 2186 U.S. Patent Documents Filing Date \*Examiner Document Initial Name Class Subclass If Appropriate Number Date Caudel et al. 364 200 ۸A 4,514,801 Apr. 30, 1985 AB 4,903,234 Feb. 20, 1990 Sakuraba et al 365 49 AC 4,989,206 Jan. 29, 1991 Dunphy et al. 371 10.1 AD 5,058,003 Oct. 15, 1991 White 364 200 395 May 14, 1996 Matsumoto et al 441 AE <u>5,517,632</u> AF 5,590,300 Dec. 31, 1996 Lautzenheiser 395 412 AG <u>5,615,353</u> Mar. 25, 1997 Lautzenheiser 395 463 Burkes et al. Scp. 2, 1997 621 <u>AH</u> <u>5,664,187</u> <u> 395</u> 5.974.544 Oct. 26, 1999 Jeffries et al. 713 ΑĬ Aug. 28, 2001 Islam et al. 714 AJ 6,282,670 B1 6 ΑK Dec. 4, 2001 Kirby 711 4 <u>6,327,638 B1</u> AL 6,460,122\_BJ Oct. 1, 2002 Otterness et al. 711 154 6.704,837 B2 Mar. 9, 2004 Beardsley et al. 711 114 Patent Application Publication Filing Date **Publication Number** Pub. Date Name Class Subclass AN U\$ 2002/0188895A1 Dec. 12, 2002 Foreign Patent Documents Translation Document Subclass Yes Date Class Country ΑO EP 0 709 765 A2 EP G06F 3/06 May 1, 1996 AP 3/06 EP 0 936 533 A2 Aug. 18, 1999 EP G06E EP 1 156 419 A2 ЕÞ AQ Nov. 21, 2001 G06F 11/10 02058626 AR Mar. 8, 1990 JP G06F 3/06 AS 02144424 Jun. 4, 1990 IP G06F 11/10 7 AT 03211885 Aug. 23, 1991 JР G06F 12/16 7 AU 03260921 Oct. 9, 1991 JP G06F 12/08 AV<u>04024950</u> Feb. 12, 1992 JP <u>G06F</u> 9/38 ΑW 04035124 Feb. 21, 1992 JР G06F 12/16 AΧ 05050398 JР 3/06 Mar. 11, 1993 G06F AY05051663 Mar. 12, 1993 JP G06F 3/06 **√** A2 05069399 Mar. 3, 1993 JР 12/10 G06F ~ 06232775 AΔ æ **G06F** 3/06 Sep. 28, 1994 BB07071286 JΡ Mar. 29, 1995 G06F 3/06 **✓** CC 08200255 JР 3/06 Jul. 30, 1996 G06F 10007321 DD Jan. 1, 1998 <u>IP</u> G06F 3/06 7 EE 10024592 Feb. 5, 1998 JP G06F 3/06 ~ FF <u>10170322</u> <u>Jun. 17, 1998</u> ንዖ G06F 3/06 GG 10289332 Oct. 12, 1998 JP G06F 13/14 HH 2003085671 Dec. 8, 2000 æ G06F 3/06 Date Considered: \*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.